

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of T. Singh

Filed: September 11, 2003

Serial No.: 10/660,219

Examiner: C.D. Ngo

For: Jerk Limited Time Delay Filter

Group Art Unit: 2193

**RESPONSE TO OFFICE ACTION DATED MARCH 7, 2006**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

An office action dated March 7, 2006 (the "Office Action") was received and reviewed. In response to the Office Action, applicant submits the following amendments and the following remarks. The amendments are described on page 2 of this *Response*. The remarks begin on page 10 of this *Response*. The text of this *Response* is 10 pages in length.

**TRANSMISSION CERTIFICATE**

I hereby certify that this correspondence is being electronically transmitted to the U.S. Patent and Trademark Office on the date shown below.



R. Kent Roberts

Date: June 7, 2006

Amendments

Claims 1, 9, and 15 are amended herein. The changes are shown in the *Listing Of Claims* below. Claims 1, 9 and 15 have been amended herein to provide definitions of the variables “N”, “J”,  $\sigma_k$  and  $\omega$ . Also, claims 1, 9, and 15 have been amended to modify “coupling the transfer function with the filter” to read “coupling the transfer function with the filter function”.

Claim 15 has been amended to delete “Ti values” and insert alternate text.